# **Super Outboard 3**

**Two-Stroke Outboard Motor Oil** 



### Product description

**Super Outboard 3** is a premium performance, two-stroke, marine outboard motor oil formulated with a special ashless additive system.

### Customer benefits and product features

#### **Customer benefits**

Maintains high power output

Special blend of highly refined mineral oil and ashless additive system provides superior piston cleanliness and protection against ring sticking by minimizing deposit formation, thus maintaining combustion efficiency and protecting against power loss.

#### Reduces maintenance costs

Special ashless additive system includes a selected synthetic component for enhanced lubricity to separate contacting surfaces with a tough lubricant film to protect against wear under high speed, peak performance conditions.

Trouble-free operation

Ashless additive system ensures that ash-induced deposits are not formed in the combustion chamber, thereby eliminating the risk of destructive pre-ignition from this source.

• **Maximizes spark plug life** Ashless additive system reduces spark plug fouling under all operating conditions.

#### **Product features**

- Super Outboard 3 is prediluted with a high flash point, low aromatic content solvent to facilitate mixing with gasoline at all temperatures.
- Super Outboard 3 is designed for engines requiring NMMA TC-W3® certified lubricants, operating in all service conditions.

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## Applications

- All water-cooled, two-stroke, marine outboard engines, including the latest designs under warranty • protection.
- Oil-injected engines. •
- Oil-gasoline premix engines at all gasoline-to-oil ratios up to and including 100:1. •
- Air-cooled, two-stroke engines where API TD or NMMA certified oils are specified.

## Approvals, performance and recommendations

### Performance standards

National Marine Manufacturers Association (NMMA) TC-W3®Certified. • (NMMA TC-W3 Certification Number: RL00420J)

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## Typical test data

SUPER OUTBOARD 3	
SAE Grade (J1536)	F/M 3
Product Code	560319
Ash, m%	<0.01
Flash Point, PMCC, °C	102
Pour Point, °C	-39
Viscosity	
mm²/s @ 40°C	56.2
mm²/s @ 100°C	9.13

1205

ENVIRONMENT, HEALTH, and SAFETY. Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions, and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit the Product Information Center.

This Product Data Sheet (PDS) was produced for the Africa, Middle East and Pakistan region in good faith from the best information available at the time of issue. The specific information included may not directly reflect the local market or conditions. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. For the most up-to-date, country-specific information, please contact your local customer service center.

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